10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GNAL Antibody (aa50-100)
Rabbit Polyclonal Antibody
Catalog # ALS16400

Specification

GNAL Antibody (aa50-100) - Product Information

Application	**IHC, WB**
Primary Accession	P38405
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**44kDa KDa**

GNAL Antibody (aa50-100) - Additional Information

Gene ID 2774

Other Names
Guanine nucleotide-binding protein G(olf) subunit alpha, Adenylate cyclase-stimulating G alpha protein, olfactory type, GNAL

Target/Specificity
Human GNAL

Reconstitution & Storage
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Precautions
GNAL Antibody (aa50-100) is for research use only and not for use in diagnostic or therapeutic procedures.

GNAL Antibody (aa50-100) - Protein Information

Name GNAL

Function
Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. G(olf) alpha mediates signal transduction within the olfactory neuroepithelium and the basal ganglia. May be involved in some aspect of visual transduction, and in mediating the effect of one or more hormones/neurotransmitters.

Tissue Location
Detected in olfactory neuroepithelium, brain, testis, and to a lower extent in retina, lung alveoli, spleen. Trace amounts where seen in kidney, adrenal gland and liver. Found to be expressed in all the insulinomas examined

Volume
50 µl

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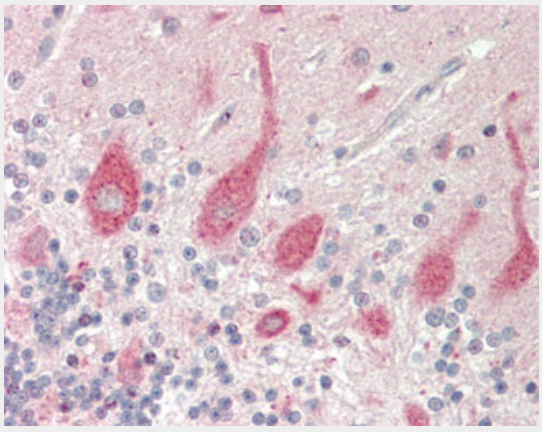
GNAL Antibody (aa50-100) - Protocols

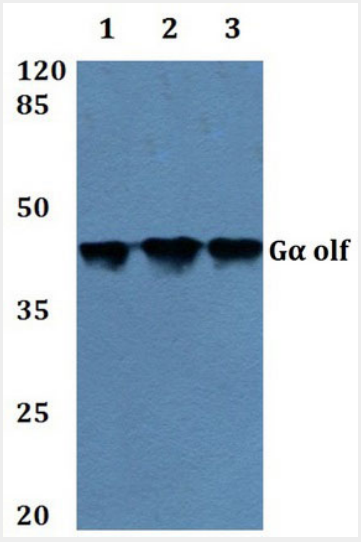
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GNAL Antibody (aa50-100) - Images



Human Brain, Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western blot analysis of GNAL Antibody at a 1:500 dilution.

GNAL Antibody (aa50-100) - Background

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. G(olf) alpha mediates signal transduction within the olfactory neuroepithelium and the basal ganglia. May be involved in some aspect of visual

transduction, and in mediating the effect of one or more hormones/neurotransmitters.

GNAL Antibody (aa50-100) - References

Zigman J.M.,et al.Endocrinology 133:2508-2514(1993).
Vuoristo J.T.,et al.Submitted (APR-1996) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 437:551-555(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.